Philips
LCD monitor

22"w E-line

21.6"w Display

220E1SB

Full HD 16:9 display with Glossy design

Enjoy more with this Vista-ready Full HD 1080p quality display! The 220E1 comes with attractive Glossy finish and easy to use features - All in a budget friendly package.

Great picture quality

- Full HD LCD display, 1920x1080p resolution
- 5ms fast response time
- SmartContrast 8000:1 for rich black details
- DVI signal input for full HD performance with HDCP

Design that complements any interior

- Glossy finish to enhance your decor

Great convenience

- Auto picture format control switching in wide and 4:3 format

PHILIPS

sense and simplicity

LCD monitor
22"w E-line 21.6"w Display

220E1SB/27

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Aspect ratio: 16:9
- Panel Size: 21.6"
- SmartContrast ratio (dynamic): 8000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum Resolution: 1920 x 1080 @ 60Hz
- Display colors: 16.7 M
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green

Convenience
- User convenience: On-screen Display
- Monitor Controls: Auto, Auto (Back), Brightness (Up), Input (Down), Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Regulatory Approvals: CCC, CE Mark, Energy Star, FCC Class B, UL/cUL
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Other convenience: Kensington lock compatible
- VESA Mount: 100 x 100 mm

Stand
- Tilt: -5 to 20 degree

Power
- Consumption (On mode): 40 W (typical)
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (Off Mode): < 0.5 W

Dimensions
- Set dimensions with stand (W x H x D): 512 x 374 x 205 mm
- Set dimensions with stand in inch (W x H x D): 20.1 x 14.7 x 8.07 inch
- Set dimensions (W x H x D): 512 x 320 x 66 mm
- Set dimensions in inch (W x H x D): 20.1 x 12.6 x 2.59 inch
- Box dimensions (W x H x D): 570 x 453 x 140 mm
- Box dimensions in inch (W x H x D): 22.4 x 17.8 x 5.5 inch
- Product weight (+stand): 4.4 kg
- Product weight (+stand) (lb): 9.7 lb
- Weight incl. Packaging: 6.3 kg
- Weight incl. Packaging (lb): 13.9 lb

Operating conditions
- Temperature Range (Operation): 0 - 40 °C
- Temperature Range (storage): -20 - 60 °C
- Relative Humidity: 20 - 80 %
- MTBF: 50,000 hour(s)

Sustainability
- Environmental and energy: Energy Star, EPEAT Silver, RoHS

Cabinet
- Color: Glossy black
- Finish: Glossy besel

Full HD 1080p | 8,000:1 Dynamic contrast ratio | VGA dvi DualInput | Lead Free! | 0.5W Standby Mode | energy ENERGY STAR | CERTIFIED FOR Windows Vista®

Highlights

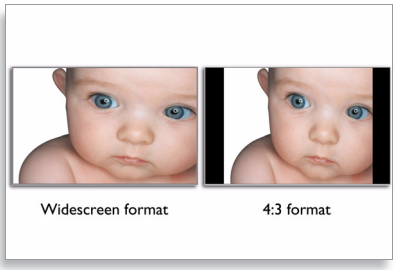
Full HD 1920x1080p LCD display
This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flicker-free pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

SmartContrast ratio 8000:1
You want the LCD display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

DVI signal with HDCP
High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

Auto picture format control



Philips auto picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

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